

FY 2006-2007 Unified Planning Work Program

Outline of Funding Sources

PL104 (f) "PL funds" – PL funds are FHWA funds administered by NCDOT. The PL funding apportionment to the state is distributed to the MPOs through a population-based formula. The FY 06-07 allocation is \$ 356,699. This will be supplemented by a draw-down of unobligated funds of \$ 211,102

Federal PL Funds:	\$ 567,801
Local Match 20% (City of Greensboro):	\$ 141,950

State Planning and Research funds "SPR Funds" - SPR funds are FHWA funds allocated to the North Carolina Department of Transportation (NCDOT). NCDOT determines the allocation of these funds among tasks in the Planning Work Program and is responsible for contributing the 20% in matching funds. \$_____ in SPR funds with a state match of \$_____ have been identified for a total of \$_____ for use on MPO area planning activities in FY 06-07.

Section 5303 (Transit) - Section 5303 funds are Federal Transit Administration funds distributed to the MPOs by NCDOT through a population-and transit ridership based formula. The MPO will receive a FY 06-07 allocation of \$ 66,760. These funds will be used for transit planning uses.

Federal 5303 funds:	\$ 66,760
Local Match 10% (City of Greensboro):	\$ 8,345
State Match 10% (NCDOT):	\$ 8,345

Section 5307 (transit) - These funds are dedicated to transit planning purposes from the Urbanized Area Formula funds received by the City of Greensboro. GTA anticipates using \$100,00 in Section 5307 funds for transit planning purposes in FY 06-07.

Federal 5307 funds:	\$100,000
Local Match 10% (City of Greensboro):	\$12,500
State Match 10% (NCDOT):	\$12,500

FY 2006-2007 Unified Planning Work Program

Task Descriptions

II-A Surveillance of Change

II-A-1 Traffic Volume Counts

Automatic traffic counts and turning movement counts at specified locations. Maintain ADT counts and database for model calibration on arterial, minor arterial, and collector streets. Produce 2006 count location and traffic volume maps.

II-A-2 Vehicle Miles of Travel

Plan for future data collection efforts as needed.

II-A-3 Street System Mileage Change

Update inventory of improvements to municipal street system. Update inventory of signalization on existing major streets to provide accurate inputs for the travel model update.

II-A-4 Traffic Accidents

Collect traffic accident data and prepare summary and analysis of high accident locations. Compare data analysis to previous years' results. Build off of and support the safety work of the NCDOT and GDOT for various purposes, including LRTP development as appropriate.

II-A-5 Transit System Data

2006-2007 focus areas include the following. Analyze peak hour changes and impact on overcrowded buses. Identify transfer opportunities with expanded services and the ability to shift riders to existing routes as well as to new service.

II-A-6 DU / Population Changes

Maintain inventory of dwelling units and population to determine needed changes in transportation services to meet current and projected demands. Review developments to assess impacts to the 2030 LRTP, the 2035 Travel Demand Model update, and transportation project development.

II-A-7 Air Travel

Review Airport data as needed to support surface transportation planning activities.

II-A-8 Vehicle Occupancy Rates

No funds programmed.

II-A-9 Travel Time Studies

Collect travel-time runs on current links during peak period to provide accurate inputs for applications such as the travel model update. Additional travel time runs may be needed to support specific projects, such as the CMS and corridor and sub-area studies.

II-A-10 Mapping

Maintain the planning area's base maps, including updates to the Thoroughfare Plan and Long Range Transportation Plan maps, the bicycle routes map, and sidewalk maps.

II-A-11 Central Area Parking Inventory

Maintain and update inventory of on- and off- street parking facilities, including parking policies, ownership information, and fee rates, to support parking management needs and to provide accurate inputs for the travel model update.

II-A-12 Bike & Pedestrian Facilities Inventory

Maintain inventory of bicycle and pedestrian facilities, to provide accurate inputs for the travel model update, to help identify future sidewalk project needs, to guide pedestrian improvement planning, and to support specific projects, such as the MPO Pedestrian and Bicycle Plan and associated implementation efforts.

II-B Maintenance of Inventories

II-B-1 Collection of Base Year Data

Update of Greensboro travel model in support of Piedmont Triad Regional Travel Demand Model update. The PART Modeler will work with the MPO and other regional partners to devise a process for maintaining and updating this information.

II-B-2 Collection of Network Data

Update of Greensboro travel model in support of Piedmont Triad Regional Travel Demand Model update. As needed, supplement previous network data collection work. The PART Modeler will work with the MPO and other regional partners to devise a process for periodic updates to this information.

II-B-3 Travel Model Updates

The major update of the Piedmont Triad Regional Travel Demand Model will be complete in FY 05-06. For FY 06-07, collect additional data, make modifications, and develop new model related applications as needed. Also meet the MPO's funding commitment for a portion of the PART Modeler's costs.

II-B-4 Travel Surveys

Collection of information on origins and destinations, traveler behavior, transit ridership, commercial vehicle usage, work place commuting, freight movement, etc., to provide accurate inputs for the travel model update and/or service assessment needs on an as-needed basis.

II-B-5 Forecast of Data to Horizon Year

Review household and employment forecasts and adjust as necessary to provide accurate inputs for travel model applications including project specific assessments.

II-B-6 Community Goals and Objectives

Coordinate findings of public involvement activities connected to the LRTP, the MPO Pedestrian and Bicycle plan, the Collector Plan, and various studies and efforts to refine understanding of community goals. For UPWP accounting purposes, such public involvement work will be generally be accounted for as a part of associated studies and plans.

II-B-7 Forecast of Future Travel Patterns

Review trip generation, trip purpose, trip length, vehicle occupancy, travel mode, and daily travel pattern data and compare to community goals and objectives to determine if changes in assumptions are warranted. Calibrate, develop, and test travel model input parameters as needed.

II-B-8 Capacity Deficiency Analysis

Determine link-specific capacity deficiencies by comparing street system capacities to traffic volumes for both current and projected data. This work is also associated with II-B-17, Congestion Management Strategies.

II-B-9 Highway Element of the LRTP

Refine and amend the Thoroughfare Plan and Highway elements of the Long Range Transportation Plan as needed. For FY 06-07 this will include an effort towards completing the development of the highway element of the "Comprehensive Transportation Plan". Work under II-B-9 will also support the roadway project development process, and the development of various feasibility studies.

II-B-10 Transit Element of the LRTP

Develop a 5 year Transit Service Plan. Continue efforts to refine and implement the Mobility Greensboro Long Range Public Transportation Plan.. Continue working with PART and GTA to plan for and develop the regional public transportation system and services. Transit assumptions for the LRTP will be refined as needed. Begin development of the transit element of the CTP maps.

II-B-11 Bicycle & Pedestrian Element of the LRTP

Continue development of MPO Pedestrian and Bicycle Plan as needed. This project includes a bicycle accommodations study, community outreach and involvement, a plan for future facility improvements, and a revised bicycle route system, signage, and map. Continue development and implementation of the Greensboro Community Walkability Plan. This may include items such as sidewalk and trail project development, pedestrian safety studies and outreach programs, refinements to City sidewalk design standards, and community planning for the development of a more walkable community. Begin development of the bicycle and pedestrian elements of the CTP maps.

II-B-12 Airport/Air Travel Element of LRTP

Participate in the planning efforts of the Piedmont Triad International Airport, including any updates to the Airport Master Plan and related project development and environmental document work. Coordinate with PTIA on airport area surface transportation planning activities.

II-B-13 Collector Street Element of LRTP

Attempt to complete the Collector Street Plan adoption process by bringing for adoption for any remaining affected local governments. Refine the plan and its identification of future collector street connectivity needs, provisions for local street connectivity, development ordinance implementation provisions and etc. as needed in cooperation with affected local governments.

II-B-14 Rail, Water, or other mode of LRTP

Continue participation in the Southeast High-Speed Rail project development activities and the PART Alternatives Analysis. Work with PART and NCDOT to refine LRTP rail assumptions as needed.

II-B-15 Freight Movement/Mobility Planning

Support efforts to increase inter-modal accessibility and mobility options for both people and freight throughout the Triad region.

II-B-16 Financial Planning

On an as-needed basis examine financial options for funding proposed transportation projects and programs; review the financial planning assumptions/ projections in the 2030 LRTP; and refine cost estimates for proposed transportation facilities..

II-B-17 Congestion Management Strategies

The MPO will work to implement and monitor the Congestion Management Process in accordance with the provisions of 23 U.S.C. and 23 CFR. This will include data collection under this task related to travel time and other corridor conditions. Work will also continue on: 1) other efforts to plan for congestion management strategies; and 2) administration of the Greensboro Corridor Improvement Program.

II-B-18 Air Quality Planning/Conformity Analysis

Continue participation in the development and application of State Implementation Plans for air quality. Continue participation in the Statewide interagency consultation process including staff development for: air quality, transportation conformity, modeling, and related topics. Conduct conformity analysis work on an as needed basis. For FY 06-07, work is expected to include the 07-13 TIP and the 2008 LRTP update.

III-A Planning Work Program

Administer the FY 2006-2007 UPWP and prepare and process amendments as needed. Evaluate transportation planning work needs and emphasis areas and prepare the FY 2007-2008 UPWP.

III-B Transportation Improvement Plan

Administer the FY 2006-2012 MTIP while it remains in effect. Adopt the FY 2007-2013 MTIP and amend as needed. Work on the FY 2009 – 2015 MTIP as appropriate. This includes the refinement of the MPO Priority Needs and the identification of the transportation projects, programs, and services towards which the MPO will direct STP DA funds.

III-C Civil Rights Compliance/Other Regulations and Requirements

III-C-1 Title VI

Provide Update of Civil Rights Statistics Report to FTA to determine MPO compliance with Civil Rights provisions.

III-C-2 Environmental Justice

Continue efforts to support principles of environmental justice in transportation planning activities. Continue to review and refine public involvement process and activities to

enhance opportunities for participation in transportation decision-making among low income and minority groups. Refine 2030 LRTP environmental justice analysis regarding equitable distribution of transportation system benefits and costs among all socio-economic groups throughout the MPO area as needed.

III-C-3 Minority Business Enterprise

Continue efforts to ensure full consideration of the potential services that could be provided by minority business enterprises in the development of transportation plans and programs, and in the provision of transportation services.

III-C-4 Planning for the Elderly & Disabled

Continue efforts to emphasize the planning, development, evaluation, and reevaluation of transportation facilities and services for the elderly and disabled. Update inventory of locations and needs of elderly and disabled persons. Complimentary paratransit service planning is under the purview of GTA. Planning for accessibility of sidewalks and streets, is under the purview of NCDOT and GDOT.

III-C-5 Safety/Drug Control Planning

No funds programmed.

III-C-6 Public Involvement

Continue to provide for an: open exchange of information and ideas between the public and transportation decision-makers. Continue to evaluate community concerns regarding transportation issues. Public involvement efforts are a common element of many UPWP task-codes, such as those relating to Transportation Plan development, special studies, and etc. In FY 2006-2007 reassess and update the Public Involvement Process.

III-C-7 Private Sector Participation

Continue efforts to ensure that private transportation operators have the maximum feasible opportunity to participate in planning and provision of local transportation services.

III-D Incidental Planning/Project Development

III-D-1 Transportation Enhancement Planning

This includes: 1) administering the MPO endorsement process for TE applications from the MPO area; 2) preparing enhancement grant applications and supporting documentation for the MPO and/or the Lead Planning agency; and 3) and supporting TE-funded project development efforts.

III-D-2 Environmental Analysis & Pre-TIP Planning

Participate regularly and consistently in the project development process, including submission of comments, attending public meetings, attending scoping meetings, attending NEPA 404 merger meetings, and participating in field inspections. Support GDOT in its work to develop selected environmental documents under consultation with NCDOT.

III-D-3 Special Studies

A range of studies will be conducted to meet the transportation planning needs of the area. These studies are expected to include an update to the Summit Avenue study, continuing study of eastern Greensboro and Guilford County roadway system needs, continuing study of airport area roadway needs, studies of congestion locations and potential solutions such as the Wendover Avenue at I-40 interchange, studies related to the development of 2007-2013 TIP priorities, and a range of feasibility studies to support roadway, sidewalk, and trail project development. Other studies may include: bicycle and pedestrian transportation needs and safety issues, Comprehensive Plan implementation studies, and studies supporting LRTP development.

III-D-4 Regional or Statewide Planning

Regional planning includes coordination with the other three MPOs in the Triad and the Piedmont Authority for Regional Transportation. This includes participation in PART Board Meetings and a wide range of regional transportation planning working groups and committees. Examples include the Model Team, the Executive Committee, and the Alternatives Analysis Study process. Additional coordination with Regional Partners is envisioned in FY 06-07 to: 1) study regional needs and potential funding sources; 2) to further develop regional functions such as regional transit planning functions, coordinated regional air quality planning and strategy development, and PART's emerging role as travel model custodian. Regional planning also involves coordination with the Piedmont Triad RPO.

Statewide planning includes participation in various statewide planning initiatives. Past examples have included the CMAQ Committee, the State Transportation Plan process, and the activities of the North Carolina Association of Metropolitan Planning Organizations.

III-E Management and Operations

Management and operations includes items such as such as: 1) conducting TAC and TCC meetings and associated material and presentation development; 2) a continuing evaluation of administrative practices and the review and implementation of MPO process enhancements including those recommended by the 2004 USDOT MPO Certification review; 3) staff development through professional training courses, seminars, and conferences; 4) subscriptions to professional publications and professional organizational dues; 5) the acquisition of needed software, books, and other materials; and 6) other MPO capacity building efforts for the TAC, TCC and MPO staff.

Greensboro Urban Area MPO

TASK CODE	TASK DESCRIPTION	SPR		SEC. 104 (f) PL		SECTION 5303			SECTION 5307			TASK FUNDING SUMMARY			
		Highway		Highway / Transit		Transit / Highway			Transit			LOCAL	STATE	FEDERAL	TOTAL
		NCDOT 0.20	FHWA 0.80	Local 0.20	FHWA 0.80	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%				
II-A	<u>Surveillance of Change</u>														
II-A-1	Traffic Volume Counts			500	2,000							500	0	2,000	2,500
II-A-2	Vehicle Miles of Travel			0	0							0	0	0	0
II-A-3	Street System Changes			250	1,000							250	0	1,000	1,250
II-A-4	Traffic Accidents			250	1,000							250	0	1,000	1,250
II-A-5	Transit System Data			625	2,500	8,345	8,345	66,760				8,970	8,345	69,260	86,575
II-A-6	Dwelling Unit, Pop. & Emp. Change			250	1,000							250	0	1,000	1,250
II-A-7	Air Travel			0	0							0	0	0	0
II-A-8	Vehicle Occupancy Rates			250	1,000							250	0	1,000	1,250
II-A-9	Travel Time Studies			250	1,000							250	0	1,000	1,250
II-A-10	Mapping			1,250	5,000							1,250	0	5,000	6,250
II-A-11	Central Area Parking Inventory			0	0							0	0	0	0
II-A-12	Bike & Ped. Facilities Inventory			1,250	5,000							1,250	0	5,000	6,250
II-B	<u>Long Range Transp. Plan</u>														
II-B-1	Collection of Base Year Data			0	0							0	0	0	0
II-B-2	Collection of Network Data			0	0							0	0	0	0
II-B-3	Travel Model Updates			1,875	7,500							1,875	0	7,500	9,375
II-B-4	Travel Surveys			0	0							0	0	0	0
II-B-5	Forecast of Data to Horizon year			0	0							0	0	0	0
II-B-6	Community Goals & Objectives			125	500							125	0	500	625
II-B-7	Forecast of Future Travel Patterns			25	100							25	0	100	125
II-B-8	Capacity Deficiency Analysis			25	100							25	0	100	125
II-B-9	Highway Element of the LRTP			2,500	10,000							2,500	0	10,000	12,500
II-B-10	Transit Element of the LRTP			625	2,500				12,500	12,500	100,000	13,125	12,500	102,500	128,125
II-B-11	Bicycle & Ped. Element of the LRTP			2,500	10,000							2,500	0	10,000	12,500
II-B-12	Airport/Air Travel Element of LRTP			25	100							25	0	100	125
II-B-13	Collector Street Element of LRTP			125	500							125	0	500	625
II-B-14	Rail, Water or other mode of LRTP			25	100							25	0	100	125
II-B-15	Freight Movement/Mobility Planning			625	2,500							625	0	2,500	3,125
II-B-16	Financial Planning			250	1,000							250	0	1,000	1,250
II-B-17	Congestion Management Strategies			5,000	20,000							5,000	0	20,000	25,000
II-B-18	Air Qual. Planning/Conformity Anal.			1,250	5,000							1,250	0	5,000	6,250
III-A	<u>Planning Work Program</u>			625	2,500							625	0	2,500	3,125

Greensboro Urban Area MPO (continued)

TASK CODE	TASK DESCRIPTION	SPR		SEC. 104 (f) PL		SECTION 5303			SECTION 5307			TASK FUNDING SUMMARY			
		Highway		Highway / Transit		Transit / Highway			Transit			LOCAL	STATE	FEDERAL	TOTAL
		NCDOT 0.20	FHWA 0.80	Local 0.20	FHWA 0.80	Local 10%	NCDOT 10%	FTA 80%	Local 10%	NCDOT 10%	FTA 80%				
III-B	Transp. Improvement Plan			625	2,500							625	0	2,500	3,125
III-C	Cvl Rgts. Cmp./Otr .Reg. Reqs.														
III-C-1	Title VI			25	100							25	0	100	125
III-C-2	Environmental Justice			625	2,500							625	0	2,500	3,125
III-C-3	Minority Business Enterprise			25	100							25	0	100	125
III-C-4	Planning for the Elderly & Disabled			63	250							63	0	250	313
III-C-5	Safety/Drug Control Planning			0	0							0	0	0	0
III-C-6	Public Involvement			625	2,500							625	0	2,500	3,125
III-C-7	Private Sector Participation			25	100							25	0	100	125
III-D	Incidental Plng./Project Dev.														
III-D-1	Transportation Enhancement Plng.			25	100							25	0	100	125
III-D-2	Enviro. Analysis & Pre-TIP Plng.			1,250	5,000							1,250	0	5,000	6,250
III-D-3	Special Studies			110,688	442,751							110,688	0	442,751	553,439
III-D-4	Regional or Statewide Planning			1,250	5,000							1,250	0	5,000	6,250
III-E	Management & Operations			6,250	25,000							6,250	0	25,000	31,250
TOTALS		0	0	141,950	567,801	8,345	8,345	66,760	12,500	12,500	100,000	162,795	20,845	734,561	918,201

Greensboro Urban Area MPO: Long Range Planning Calendar as of March 2006

	06-07	07-08	08-09	09-10	10-11
<u>Surveillance of Change</u>					
ongoing activities					
<u>Long Range Transp. Plan</u>					
Implement 2006 Travel Demand Model					
Develop model refinements as needed					
Begin update for next Travel Model					
Develop Bicycle & Pedestrian Plan					
Develop CTP					
Develop 2008 LRTP Update					
Develop 2012 LRTP Update					
Update System Plans as needed					
Congestion Management Process Data Collection					
Congestion Management Process Adoptions					
Conformity Actions					
<u>Planning Work Program</u>					
ongoing activities					
<u>Transp. Improvement Plan</u>					
administer 06-12 TIP					
develop & administer 2007 - 2013 TIP					
develop & administer 2009-2015 TIP					
develop & administer 2011-2017 TIP					
<u>Cvl Rgts. Cmp./Otr .Reg. Rqs.</u>					
Environmental Justice analysis & outreach efforts - ongoing					
<u>Incidental Plng./Project Dev.</u>					
ongoing activities					
<u>Management & Operations</u>					
ongoing activities					

FY 2006-2007 FTA Task Narrative Table
Greensboro Urban Area MPO

1-	MPO Name	Greensboro Urban Area MPO
2-	FTA Code	442400
3-	Task Code	II-A-5
4-	Title of Planning Task	Transit Data
5-	Task Objective	Use transit system data to refine services and increase system efficiency, productivity, and responsiveness to community needs.
6-	Tangible Product Expected	Analyze peak hour changes and impact on the overcrowded buses. Identify transfer opportunities with expanded services and the ability to shift riders to existing routes as well as to new service.
7-	Expected Completion Date of Product(s)	Jun-07
8-	Previous Work	Evaluated and enhanced existing fixed route, paratransit and flex route services performance.
9-	Prior FTA Funds	
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	City of Greensboro Transit Staff
12-	HPR - Highway - NCDOT 20%	
13-	HPR - Highway - FHWA 80%	
14-	Section 104 (f) PL Local 20%	
15-	Section 104 (f) PL FHWA 80%	
16-	Section 5303 Local 10%	\$8,345
17-	Section 5303 NCDOT 10%	\$8,345
18-	Section 5303 FTA 80%	\$66,760
19-	Section 5307 Transit - Local 10%	
20-	Section 5307 Transit - NCDOT 10%	
21-	Section 5307 Transit - FTA 80%	
22-	Additional Funds - Local 100%	

FY 2006-2007 FTA Task Narrative Table
Greensboro Urban Area MPO

1-	MPO Name	Greensboro Urban Area MPO
2-	FTA Code	442400
3-	Task Code	II-B-10
4-	Title of Planning Task	Transit Element of the LRTP
5-	Task Objective	Conduct a 5 year Transit Service Plan
6-	Tangible Product Expected	5 year Transit Service Plan, including an assessment of system data to refine services and increase system efficiency, productivity, and responsiveness to community needs.
7-	Expected Completion Date of Product(s)	Jun-07
8-	Previous Work	Evaluated and enhanced existing fixed route, paratransit and flex route services performance.
9-	Prior FTA Funds	
10-	Relationship To Other Activities	
11-	Agency Responsible for Task Completion	City of Greensboro Transit Staff
12-	HPR - Highway - NCDOT 20%	
13-	HPR - Highway - FHWA 80%	
14-	Section 104 (f) PL Local 20%	
15-	Section 104 (f) PL FHWA 80%	
16-	Section 5303 Local 10%	
17-	Section 5303 NCDOT 10%	
18-	Section 5303 FTA 80%	
19-	Section 5307 Transit - Local 10%	\$12,500
20-	Section 5307 Transit - NCDOT 10%	\$12,500
21-	Section 5307 Transit - FTA 80%	\$100,000
22-	Additional Funds - Local 100%	

Attachment # 7
Anticipated DBE Contracting Opportunities for FY07

Name of MPO: Greensboro Urban Area MPO

Person Completing Form: Bruce Adams

Telephone Number: 336-412-6237

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-A-5	Transit Data	GTA	Consultant	66,760	83,450
II-B-10	Transit Element of the LRTP	GTA	Consultant	100,000	125,000

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
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Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.

RESOLUTION APPROVING THE FY 2006-2007 UNIFIED PLANNING
WORK PROGRAM FOR THE GREENSBORO URBAN AREA

A motion was made by TAC Member Doug Galyon and seconded by TAC Member Kirk Perkins for the adoption of the following resolution, and upon being put to a vote was duly adopted.

WHEREAS, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Greensboro Urban Area Metropolitan Planning Organization; and

WHEREAS, the Greensboro Urban Area Metropolitan Planning Organization has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program funds; and

WHEREAS, members of the Greensboro Urban Area Transportation Advisory Committee agree that the Planning Work Program will effectively advance transportation planning for Fiscal Year 2006-2007.


NOW, THEREFORE, be it resolved that the Transportation Advisory Committee hereby endorses the Fiscal Year 2006-2007 Unified Planning Work Program for the Greensboro Urban Area on this, the 22nd day of February, 2006.

I, Sandy Carmany, TAC Chair
(Name of Certifying Official) (Title of Certifying Official)

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Greensboro Urban Area TAC duly held on this, the 22nd day of February, 2006.


Chair, Transportation Advisory Committee

Subscribed and sworn to me this, the 22nd day of February, 2006.


Notary Public

My commission expires 6-23-07.

